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SUPPLY BOILERS FOR ELECTRIC POWER STATIONS;  
PRODUCE AUXILIARY EQUIPMENT IN USSR

STEAM DRUMS ARE WELDED AUTOMATICALLY -- Moscow, Pravda, 25 Jun 51

Welded boilers produced at the Taganrog Krasnyy Kotel'shchik Plant are in operation at such far-flung places as Moscow, Baku, Groznyy, Siberia, the Urals area, and the Ukraine. Nearly all the steam turbines in the nation's large power stations run off Krasnyy Kotel'shchik boilers.

The steam drums of the large boilers are automatically and semiautomatically welded by electric welding machines. The drums are secured to large frames, and rotated automatically as the machines weld the seams.

Moscow, Trud, 10 Jan 52

The Taganrog Krasnyy Kotel'shchik Plant has begun work on the boiler for the world's first 150,000 kilowatt steam turbine, being built at the Leningrad Metal Plant imeni Stalin. The steam drums have already been welded in the welded-drum shop, and bending of the tubes has just begun. Total length of the tubing will amount to several kilometers.

ASSEMBLE VARIED ITEMS -- Moscow, Vechernyaya Moskva, 4 Jun 51

The Moscow Komega Plant assembles various items for electric power stations, including combustion chambers, coal pulverizers, and high-pressure preheaters for turbines.

DEVELOP NEW COMBUSTION CHAMBER -- Vil'nyus, Sovetskaya Litva, 13 Nov 51

The Kiev Heat and Power Institute of the Academy of Sciences Ukrainian SSR has developed a cyclone-type combustion chamber designed to handle low-grade lignite. It is of simple and original design.

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The combustion chamber is equipped with a fire grate. The coal is fed in by blower. Fuels containing a large amount of soil and moisture burn well on the grate. It is not necessary to refine the coal burned in the chamber, and consequently a great saving in electric power will be realized. Cheap to build, the new combustion chamber will be easily adaptable to electric power stations and other power establishments.

The new combustion chamber proved satisfactory in laboratory tests.

LOCOMOBILE BUILDERS OUTRACE PLAN -- Minsk, Sovetskaya Belorussiya, 8 Dec 51

The Mogilev Locomobile Plant met the 1951 plan ahead of time, with labor productivity running at 110.6 percent of plan, and production cost dropping 3.9 percent below plan. -- Kachura, Director of Mogilev Locomobile Plant.

LAUNCH PRODUCTION OF LOCOMOBILE FIREBOXES -- Riga, Sovetskaya Latvya, 22 Dec 51

The Tsis Machinery and Repair Plant of the Ministry of State Farms is establishing production of special new fireboxes for locomobiles. Locomobiles in sovkhoses of Latvian SSR will be equipped with these new fireboxes, which should, as experience in the Ukraine has shown, increase the efficiency of the locomobiles.

SEND NEW PRODUCTS TO CANAL BUILDERS -- Moscow, Trud, 20 Jan 52

So far this year, the Karaganda Machinery and Repair Plant has established the production of high-pressure steam and water valves, and automatic feed devices for steam boilers. The plant shipped its first group of new products to the builders of the Volga-Don Canal.

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